



IFW

Attorney Docket No. 61633.001092
Attorney Customer No. 27682

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

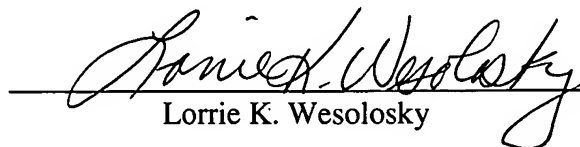
In re Application of:)	
)	
Bennett C. WARD, et al.)	
)	
Application No.: 10/790,494)	Group Art Unit: Unassigned
)	
Filing Date: March 1, 2004)	Examiner: Unassigned
)	
Title: BICOMPONENT FIBER WICK)	

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the United States
Postal Service with sufficient postage as first class mail in an envelope addressed to:

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

on: September 28, 2004
Date


Lorrie K. Wesolosky



Attorney Docket No. 61633.001092
Attorney Customer No. 27682

Documents being submitted with this Certification of Mailing under 1.8 are:

- Information Disclosure Statement
- PTO-1449 and applicable references
- Self-Addressed Stamped Return Postcard

Hunton & Williams LLP
Riverfront Plaza, East Tower
951 East Byrd Street
Richmond, VA 23219
(804) 788-8200 (Telephone)
(804) 788-8218 (Facsimile)



Attorney Docket No. 61633.001092
Attorney Customer No. 27682

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re US Patent Application of:)	
)	
Bennett C. WARD, et al.)	
)	
Application No.: 10/790,494)	Group Art Unit: Unassigned
)	
Filing Date: March 1, 2004)	Examiner: Unassigned
)	
Title: BICOMPONENT FIBER WICK)	

INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Enclosed is an Information Disclosure Statement, accompanying form PTO-1449 and copies of references in connection with the above-identified patent application.

- ☒ [X] No additional fee for submission of an IDS is required.
- ☐ [] Check No. _____ in the amount of \$_____ as set forth in 37 C.F.R. §1.17(p) is required and attached hereto.
- ☐ [] Charge \$_____ to Deposit Account No. 08-3436 for the fee due.


☒ [X] A Mail Certificate Under 37 C.F.R. §1.8.

☒ [X] A self-addressed stamped return postcard.

The Commissioner is hereby authorized to charge any appropriate fees that may be required by this paper to Deposit Account No. 08-3436.

Date: September 28, 2004

Respectfully submitted,

By: 

David E. Baker
Registration No. 42,285

HUNTON & WILLIAMS LLP
Riverfront Plaza, East Tower
951 E. Byrd St.
Richmond VA 23219
(804) 788-8762 direct dial
(804) 343-4598 direct fax



Attorney Docket No. 61633.001092
Customer No. 27682

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re US Patent Application of:)	
)	
Bennett C. WARD, et al.)	
)	
Application No.: 10/790,494)	Group Art Unit: Unassigned
)	
Filing Date: March 1, 2004)	Examiner: Unassigned
)	
Title: BICOMPONENT FIBER WICK)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

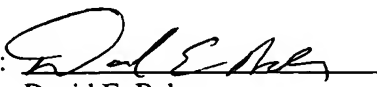
Sir:

Attached hereto is a duly completed Form PTO-1449 listing references which may be considered either material or helpful to the examination of the above-identified patent application. It is requested that all these references be considered by the Examiner and officially made of record. The Commissioner is authorized to charge any additional fees and credit any overpayment to Deposit Account No. 08-3436.

Should any questions arise concerning this matter, please contact the undersigned attorney at the telephone number provided below.

Respectfully submitted,

Date: September 28, 2004

By: 
David E. Baker
Registration No. 42,285

Hunton & Williams LLP
Riverfront Plaza, East Tower
951 East Byrd Street
Richmond, VA 23219-4074
(804) 788-8762 direct dial
(804) 343-4598 direct fax

Substitute for form 1449A/PTO SEP 29 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/790.494
				Filing Date	March 1, 2004
				First Named Inventor	Bennett C. WARD
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	3	Attorney Docket Number	61633.001092

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	1	US-	2,936,482	05-17-1960	Kilian	
	2	US-	3,176,345	06-25-1962	Powell	
	3	US-	3,192,562	06-25-1962	Powell	
	4	US-	3,457,341	07-22-1969	Duncan, et al.	
	5	US-	4,117,194	09-26-1978	Barbe, et al.	
	6	US-	4,173,504	11-06-1979	Tomioka, et al.	
	7	US-	4,217,321	08-12-1980	Campbell	
	8	US-	4,270,962	06-02-1981	Sugihara, et al.	
	9	US-	4,286,005	08-25-1981	Berger	
	10	US-	4,354,889	10-19-1982	Berger	
	11	US-	5,162,074	11-10-1992	Hills	
	12	US-	5,445,884	08-29-1995	Hoyt, et al.	
	13	US-	5,509,430	04-23-1996	Berger	
	14	US-	5,607,766	03-04-1997	Berger	
	15	US-	5,620,641	04-15-1997	Berger	

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
Examiner Initial*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
		UK	2036115	11-05-1979	Sugihara, et al		
		WO	96/39054	12-12-1996	Berger		
		DE	19923344	11-23-2000	Bauer		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/790.494
				Filing Date	March 1, 2004
				First Named Inventor	Bennett C. WARD
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	2	of	3	Attorney Docket Number	61633.001092

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	16	US- 5,633,082	05-27-1997	Berger	
	17	US- 5,656,448	08-12-1997	Jemo, et al.	
	18	US- 5,667,976	09-16-1997	Tabone, et al.	
	19	US- 6,103,181	08-15-2000	Berger	

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
				<i>Application Number</i>	10/790.494
				<i>Filing Date</i>	March 1, 2004
				<i>First Named Inventor</i>	Bennett C. WARD
				<i>Art Unit</i>	Unassigned
				<i>Examiner Name</i>	Unassigned
Sheet	3	of	3	<i>Attorney Docket Number</i>	61633.001092

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1	"New Concepts in Melt-Blown Design Applied to", ECKHARD, Schwarz Biax-Fiberfilm Corp., March 1987, pp.206-220	
	2	"Bicomponent Fibers: A Personal Perspective", IFJ, June 1998, pp. 26-42	
	3	<i>Textured Yarn Technology</i> , Vol. 1, "Production, Properties and Processing," Monsanto Co., 1967, pp. 13-14, 17	
	4	"Fundamentals of Fibre Formation, The Science of Fibre Spinning and Drawing", ZIABICKI, pp. 366-373, 386	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

61633.001092 RICHMOND 1294642v1

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.